Special Issue

Marine Polysaccharide-Based Biomaterials

Message from the Guest Editor

With the increasing awareness of environmental protection, the demand for renewable resources is also increasing. Polysaccharides as a kind of renewable, easy to degrade, non-toxic new biological material have gradually received extensive attention. Polysaccharides are characterized by their unique biocompatibility, good biodegradability, low toxicity, and bioactivity. They have been widely used in the biomaterials field. Polysaccharide-based biomaterials will be discussed in this Special Issue. Polysaccharide-based biomaterial is a new kind of biological functional material with wide applications. Its preparation and application have been widely studied, as polysaccharide-based biomaterials have become a hot spot in current biotechnology research. In this Special Issue, the research progress of polysaccharide-based biomaterial will be discussed, including the nano-drug carriers, wound dressing hydrogel, 3D cell culture scaffolds, etc.

Guest Editor

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Message from the Editor-in-Chief

During the past few decades there has been an ever increasing number of novel compounds discovered in the marine environment. This is exemplified by the robust preclinical and clinical pipeline that currently exists for marine natural products. *Marine Drugs* is inviting contributions on new advances in marine biotechnology, pharmacology, chemical ecology, synthetic biology, and genomics approaches related to the discovery of therapeutically relevant marine natural products. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

Editor-in-Chief

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